



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/734,650	12/13/2000	Hanine Abdelkrim	Q61910	4807
7590 12/16/2004			EXAMINER	
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC Suite 800 2100 Pennsylvania Avenue, N.W. Washington, DC 20037-3213			NALVEN, ANDREW L	
			ART UNIT	PAPER NUMBER
			2134	

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/734,650

Applicant(s)

ABDELKRIM, HANINE

Examiner

Andrew L Nalven

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-4 are pending.
2. The IDS submitted 13 December 2000 has been received and considered.

Response to Arguments

3. Applicant's arguments filed 9 July 2004 have been fully considered but they are not persuasive.

4. Applicant has argued on page 5, with regards to claims 1 and 3, that the Parodi reference ("Integrating ObjectBroker and DCE Security") in combination with the Ossher reference ("Combination of Inheritance Hierarchies") fail to render unpatentable claims 1 and 3 because Parodi fails to teach the claimed sequence of operations belonging to first, second, and third classes. Examiner respectfully disagrees. Examiner contends that the Parodi reference teaches all of the functionality of the cited claims (see rejection of claims 1 and 3 below). The cited elements are methods and the division of the functionality into classes does not affect the elements as currently presented. Further, the structure of the hierarchy is not essential for the functioning of the claimed methods. Thus, Parodi in combination with Ossher renders claims 1 and 3 unpatentable by teaching all of the claimed methods.

5. Applicant has argued on page 6 that Parodi and Ossher fail to render unpatentable claims 1 and 3 because Parodi and Ossher fail to teach the three classes structured in a hierarchy. Examiner respectfully disagrees. As noted above, the

combination of Parodi and Ossher teach all of the functionality presented in claims 1 and 3. Further, Ossher teaches classes structured in a hierarchy (Ossher, Figures 1,2,3 and Page 25 Column 2). Thus, the combination of Parodi and Ossher provide teachings for all of the claimed methods and for a class structure in a hierarchy.

6. The rejections below are identical to those presented in the office action mailed 5 May 2004.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parodi et al "Integrating ObjectBroker and DCE Security" in view of Ossher et al "Combination of Inheritance Hierarchies." Parodi discloses a secure object request broker system.

9. With regards to claims 1 and 3, Parodi teaches a first class including methods of initiating a secured call (Parodi, Page 46, Items 1,2,3 and Page 42 Paragraph 1), a second class including methods of accepting a secure call (Parodi, Page 46, Items 9-10 and Page 42 Paragraph 1), and a third class including methods of bidirectional

Art Unit: 2134

exchange of messages via a secured call or the secured closure of the call (Parodi, Page 46, column 1 Paragraph 2). Parodi fails to teach the three classes structured in a hierarchy. Ossher teaches classes structured in a hierarchy (Ossher, Figures 1,2,3 and Page 25 Column 2). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to utilize Ossher's method of class hierarchy's because it offers the advantage of allowing extensions to code and capabilities to be made with ease and without large amounts of new code (Ossher, Page 25, Introduction, Column 1 and 2).

10. With regards to claims 2 and 4, Parodi as modified teaches the methods conforming to GSS-API specifications (Parodi, Page 42, Column 2, Paragraph 3).

Conclusion

11. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Art Unit: 2134

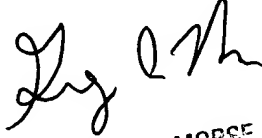
the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew L Nalven whose telephone number is 571 272 3839. The examiner can normally be reached on Monday - Thursday 8-6, Alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on 571 272 3838. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Andrew Nalven



GREGORY MORSE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER

Application/Control Number: 09/734,650
Art Unit: 2134

Page 6